C L A I M S

1. Recombinant Human Mannan-Binding Proteins (rhMBP) which offers the specific peaks at the molecular weight of 1,000～1,300 kDa when it is applied to 280nm absorbance in Gel-Filtration Chromatography.

2. Recombinant Human Mannan-Binding Proteins (rhMBP) according to Claim 1 wherein said molecular weight is 1,150kDa.

3. Recombinant Human Mannan-Binding Proteins (rhMBP) which offers the specific peaks at the molecular weight of 200～400 kDa when it is applied to 280nm absorbance in Gel-Filtration Chromatography.

4. Recombinant Human Mannan-Binding Proteins (rhMBP) according to Claim 3 wherein said molecular weight is 300kDa.

5. Recombinant Human Mannan-Binding Proteins (rhMBP) which offers the specific peaks at the molecular weight of 1,000～1,300 kDa and 200～400 kDa when it is applied to 280nm absorbance in Gel-Filtration Chromatography.

6. A method for producing Recombinant Human Mannan-Binding Proteins (rhMBP) comprising the following steps of:

(a) constructing the expression vector pNOW1-hMBP by inserting cDNA corresponding to 66bp～812bp of cDNA from native Human Mannan-Binding Proteins (native MBP) into plasmid pNOW1;

(b) preparing transformants by introducing said expression vector pNOW1-hMBP into Chinese Hamster Ovary (CHO) cells which are lack of dihydrofolate reductase ($dhfr^-$);

(c) obtaining neomycin resistance cells by culturing said transformants in a culture medium containing neomycin;

(d) obtaining methotrexate (MTX) resistance cells by culturing said neomycin resistance cells in a culture medium containing MTX; and

(e) collecting Recombinant Human Mannan-Binding Proteins (rhMBP) from the obtained MTX resistance cells.

7. The method for producing Recombinant Human Mannan-Binding Proteins (rhMBP) according to Claim 6 wherein said Recombinant Human Mannan-Binding Proteins (rhMBP) offers the specific peaks at the molecular weight of 1,000～1,300 kDa when it is applied to 280nm absorbance in Gel-Filtration Chromatography.

8. The method for producing Recombinant Human Mannan-Binding Proteins (rhMBP) according to Claim 6 wherein said Recombinant Human Mannan-Binding Proteins (rhMBP) offers the specific peaks at the molecular weight of 200～400 kDa when it is applied to 280nm absorbance in Gel-Filtration Chromatography.

9. The method for producing Recombinant Human Mannan-Binding Proteins (rhMBP) according to Claim 6 wherein said Recombinant Human Mannan-Binding Proteins (rhMBP) offers the specific peaks at the molecular weight of 1,000～1,300 kDa and 200～400 kDa when it is applied to 280nm absorbance in Gel-Filtration Chromatography.

10. The method for producing Recombinant Human Mannan-Binding Proteins (rhMBP) according to any of Claims 6-9 wherein said Recombinant Human Mannan-Binding Proteins (rhMBP) have activities to inhibit Hemagglutination by Influenza Viruses.

11. Recombinant Human Mannan-Binding Proteins (rhMBP) which is obtainable by the method according to any of Claims 6-10.